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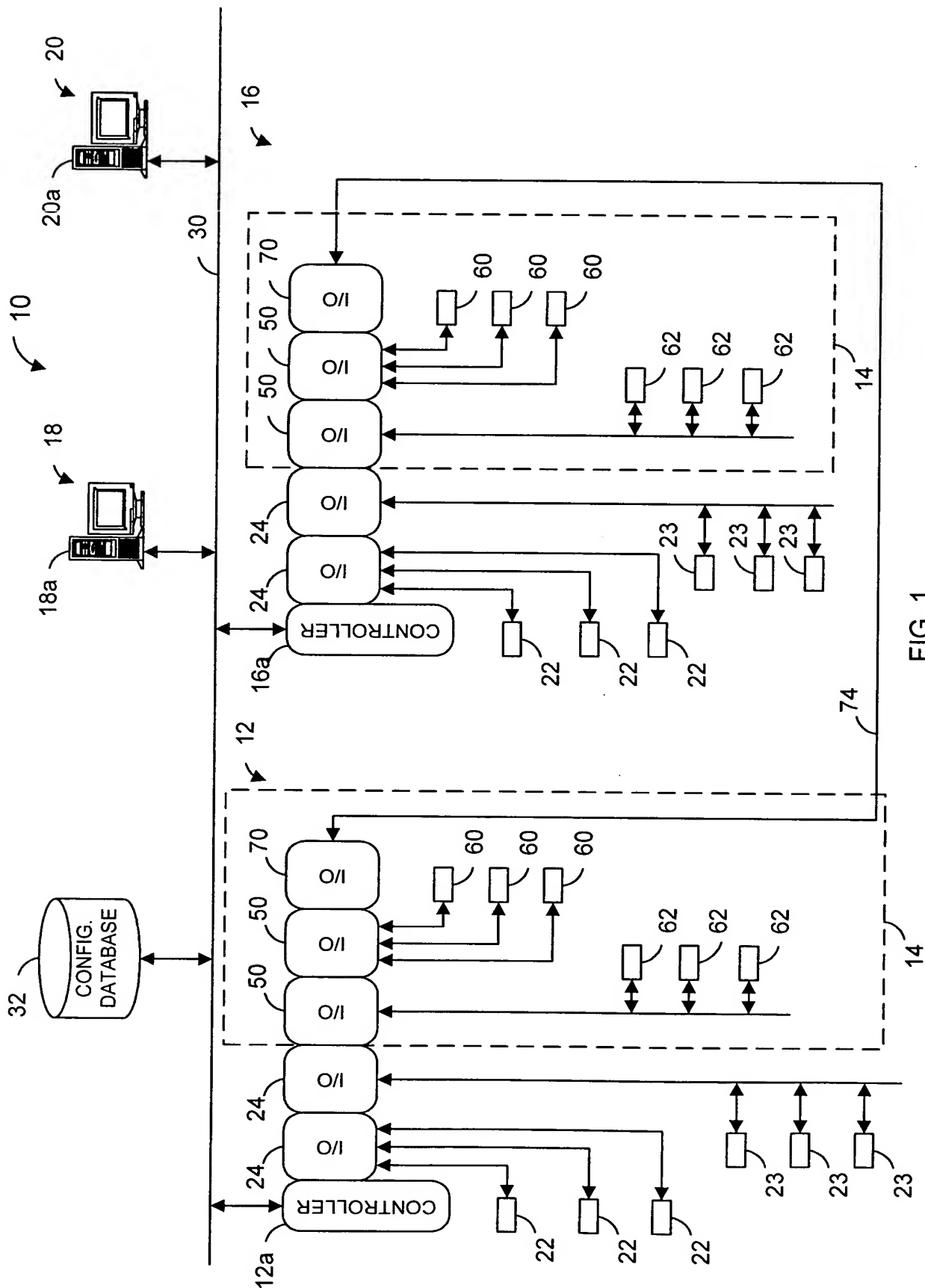


FIG. 1

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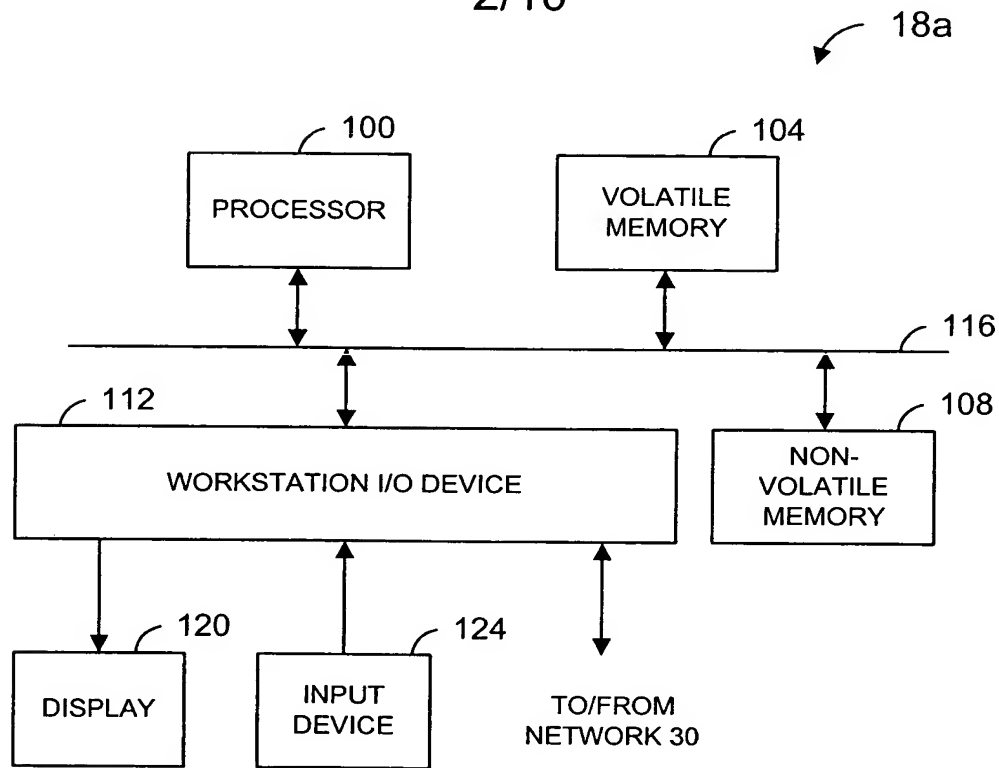


FIG. 2

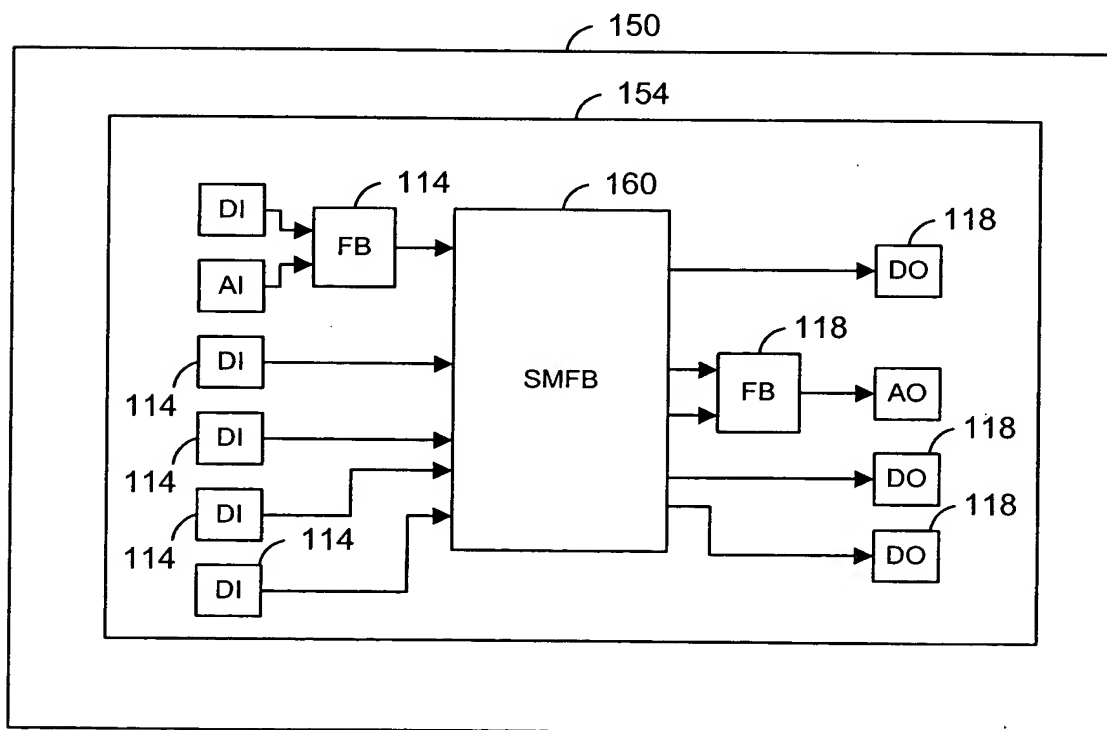


FIG. 3

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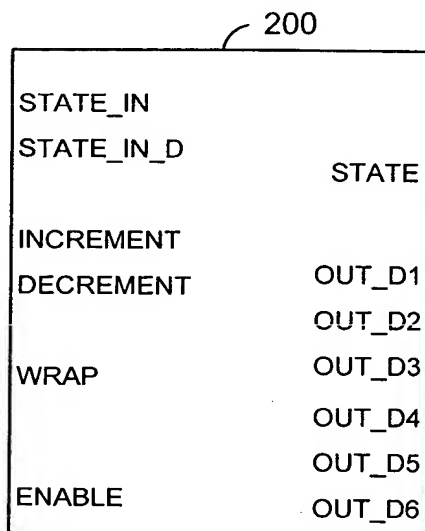


FIG. 4

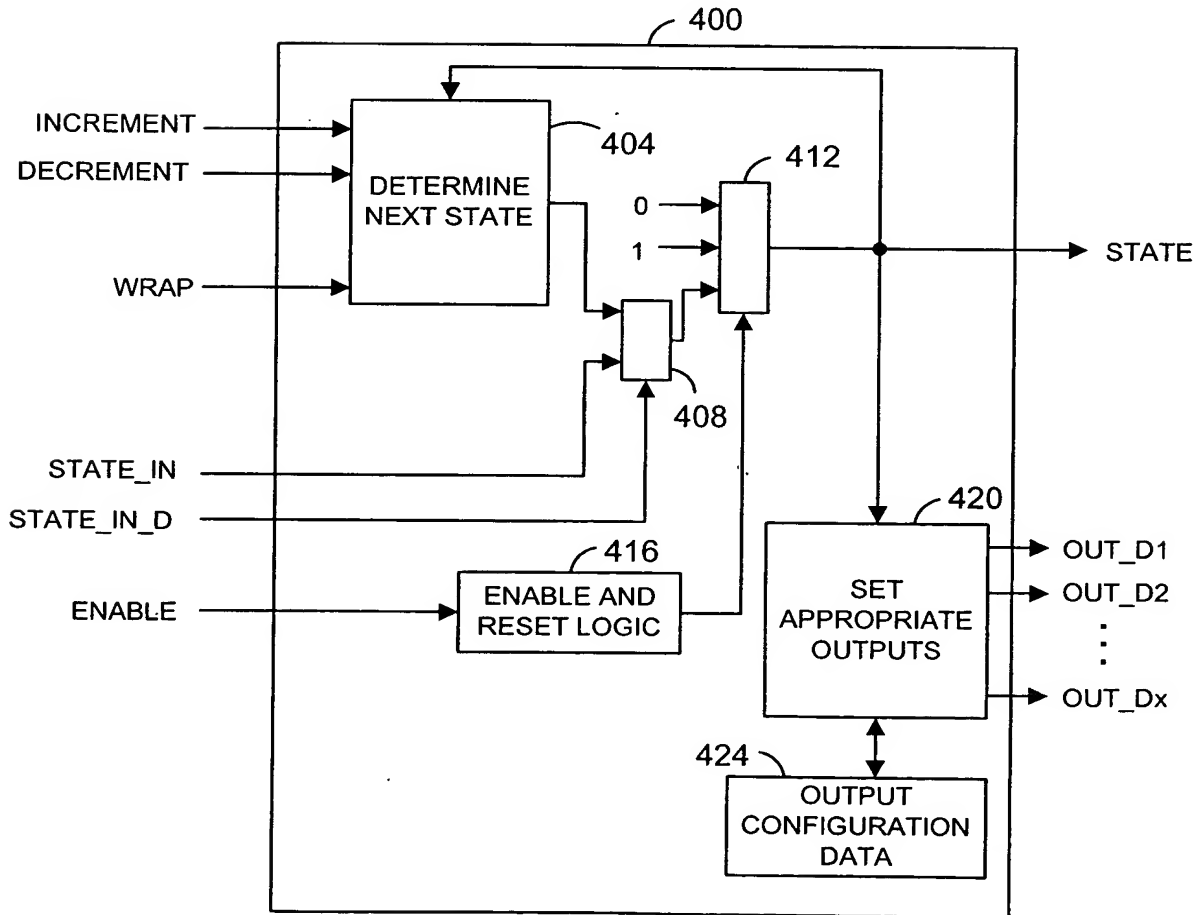


FIG. 8

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300

OUTPUTS STATES	1 - OPEN VALVE 101	2 - CLOSE VALVE 101	3 - OPEN VENT 120	4 - CLOSE VENT 120	5 - FAN 145	6 - IGNITER 125
1 - BURNER OFF					304A	
2 - VENT			304B		304C	
3 - TURN ON GAS						
4 - IGNITE						
5 - NORMAL OPERATION						
6 - TURN OFF GAS						
7 - VENT						

304

FIG. 5

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300

STATES \ OUTPUTS	1 - OPEN VALVE 101	2 - CLOSE VALVE 101	3 - OPEN VENT 120	4 - CLOSE VENT 120	5 - FAN 145	6 - IGNITER 125
1 - BURNER OFF					X	
2 - VENT			X		X	
3 - TURN ON GAS	X			X		
4 - IGNITE						X
5 - NORMAL OPERATION						
6 - TURN OFF GAS		X				
7 - VENT			X		X	

304A

304B

304C

304

FIG. 6

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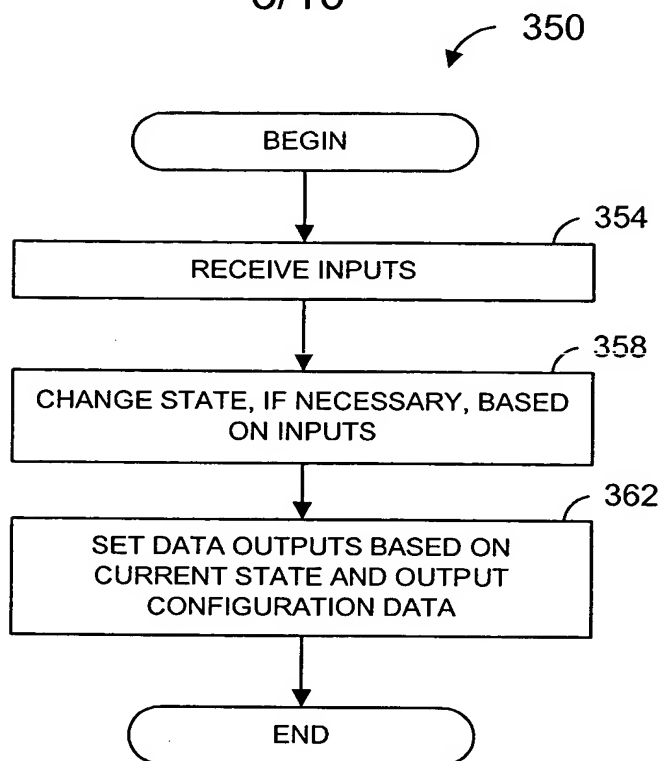


FIG. 7

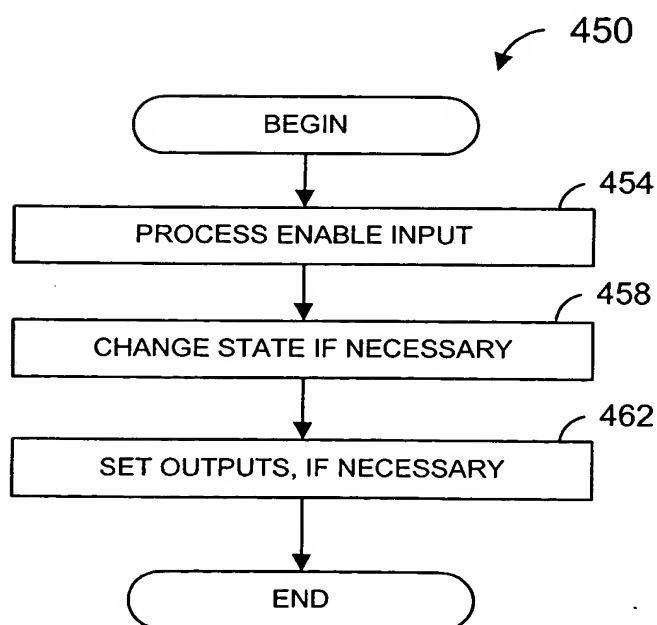


FIG. 9

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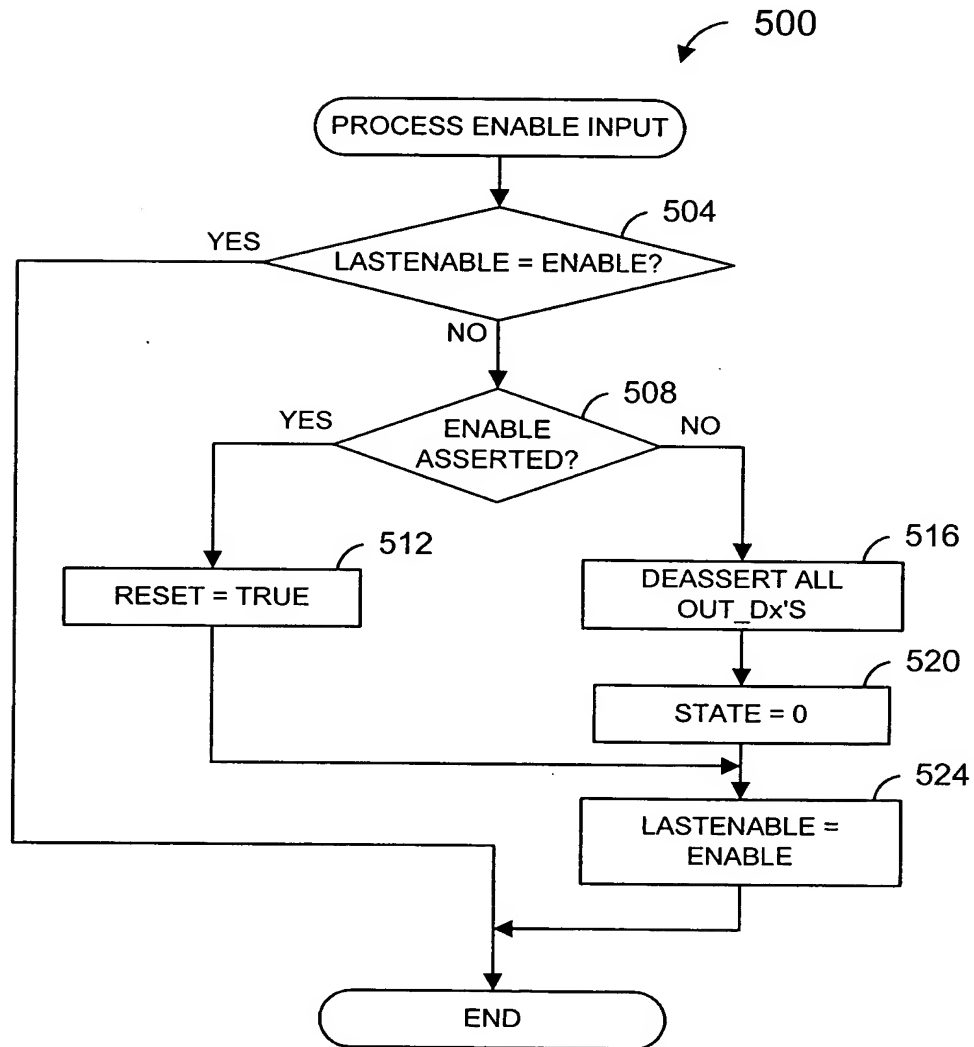


FIG. 10

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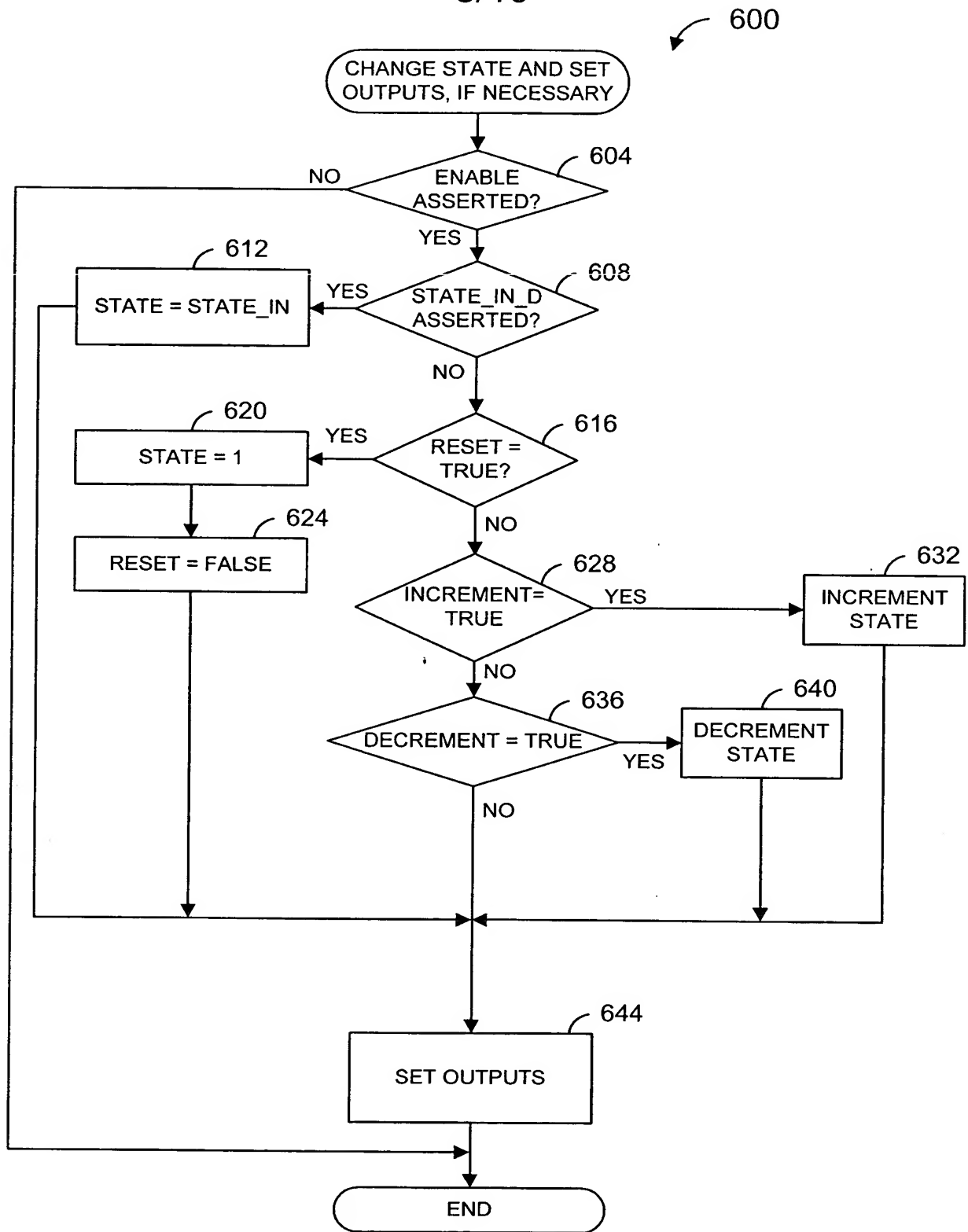


FIG. 11

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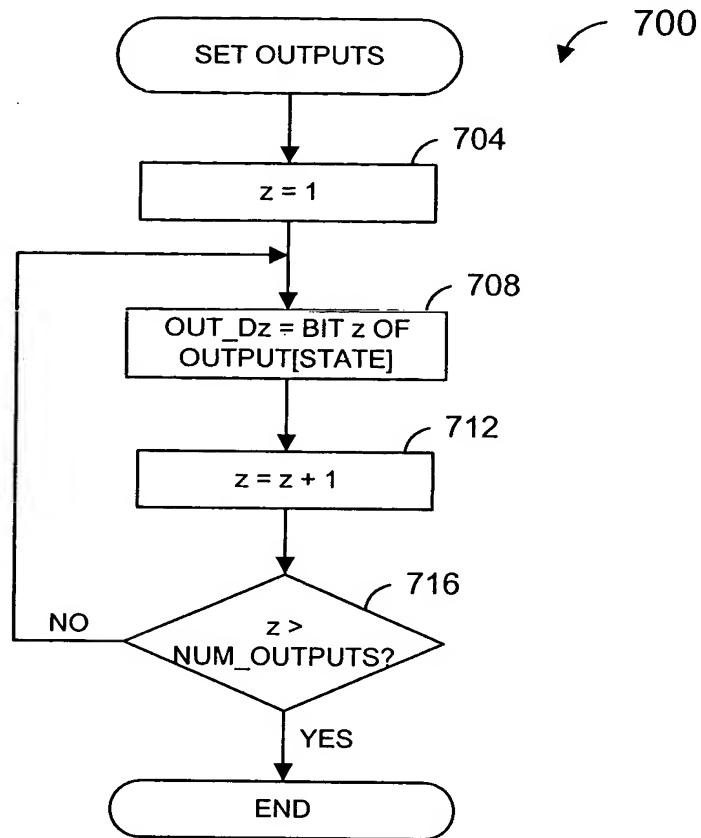


FIG. 12

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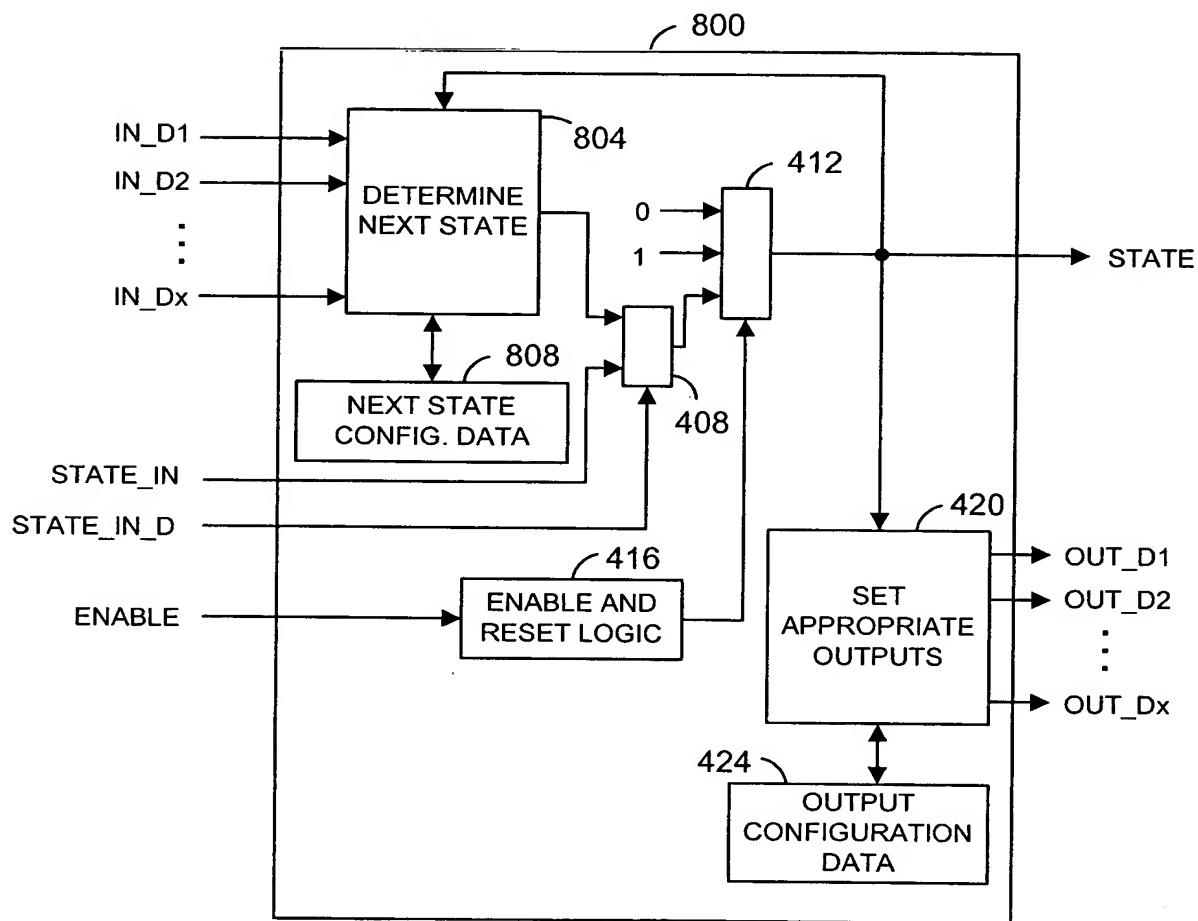


FIG. 13